## UTILITY PATENT APPLICATION TRANSMITTAL

	Attorney Docket No.:	CML01499M					
	First Inventor:	XIANGYANG ZHUANG					
Title:		METHOD AND APPARATUS FOR PILOT SIGNAL TRANSMISSION					
	Express Mail Label No :	ER380436577US					

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express		s Mail Label No.: ER380436577US						
APPLICATION ELEMENTS (see MPEP chapter 600 concerning utility patent application of	Mail Stop Patent Application ADDRESS TO: Commissioner for Patents P. O. Box 1450							
	Alexandria, VA 22313-1450							
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)							
2. Applicant claims small entity status See 37 CFR 1.27		8. Nucleotide and/or Amino Acid Sequence						
3. X Specification [Total Pages 21 (preferred arrangement set forth below)	table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence (if applicable, all necessary)  a. Computer Readable Form (CFR)  b. Specification Sequence Listing on:							
-Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D								
-Reference to sequence listing, a table, or comput listing appendix	i. CD-ROM or CD-4 (2 copies); or ii. Paper							
-Brief Summary of the Invention -Brief Description of the Drawings (if filed)		ii. Paper  c. Statements verifying identity of above copies						
-Detailed Description		ACCOMPANYING APPLICATION PARTS						
-Claim(s) -Abstract of the Disclosure								
-Abstract of the Disclosure		9. X Assignment Papers (cover sheet & document(s))						
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets	1 ]	10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)						
5. Oath or Declaration [Total Sheets a. X] Newly executed (original or copy)	4 ]	11. English Translation Document (if applicable)						
a. A rewry executed (original of copy)		12. Information Disclosure Copies of IDS						
h [] Complete and institution (27 CPR 1 C	Statement (IDS)/PT-1449 Citations  13. Preliminary Amendment  14. Return Receipt Postcard (MPEP 503)  (Should be specifically itemized)  15. Certified Copy of Priority Document							
b. Copy from prior application (37 CFR 1.6								
(for continuation/divisional with Box 18 com								
i. DELETION OF INVENTOR(S)								
Signed statement attached deleting inv								
name in the prior application, see 37 (1.63(d)(2) and 1.33(b)	CFR	16. Nonpublication Request under 35 U.S.C.						
	122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.							
6. Application Data Sheet. See 37 CFR 1.76	17. Other:							
		y the requisite information below and in the first sentence of the						
specification following the title, or in an Application Data  Continuation Divisional Conti	<i>Sheet under</i> inuation-in-							
Prior application information: Examiner:	iiiuatioii-iii-	Art Unit:						
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior the accompanying continuation or divisional application and is hereby incorporated by refer	application, from ence. The incorp	which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of oration can only be relied upon when a portion has been inadvertently omitted from the submitted						
application parts.	ESPONDE	NCE ADDRESS						
	or $\square$	Correspondence address below						
Name C		Correspondence address below						
Address	1 0							
City Country . Telephone	State	Zip Code   Fax						
Name KENNETH A. HAAS	-	Registration No. 42,614						
SIGNATURE ///	11-	Date March 30, 2004						

		Complete if Known						
FEE	Application Nu							
TRANSMITTAL	Filing Date		03/30/2004					
Patent fees are subject to annual revision	First Named Inventor		XIANGYANG ZHUANG					
Applicant claims small entity status. See 37 CFR 1.27	Examiner Nam		AIGHO TANO ETIONIO					
	Group Art Unit							
TOTAL AMOUNT OF PAYMENT (\$) 810.00			Ch41.	34 40014				
	Attorney Docke	et No.	CML	)1499M				
METHOD OF PAYMENT (check all that apply	)			FEI	E CALC	CULATION (continued)		
Check Credit card Money Order Other None		3. ADDI			_			
X Deposit Account:		Large Entit		Sm <u>Ent</u>				
Deposit Account Number 502117		Fee	Fee	Fee	Fee			
Deposit Account Name Motorola, Inc.		Code	(\$)	Code	(\$)	Fee Description		
· · · · · · · · · · · · · · · · · · ·								
The Director is authorized to: (check all that apply)		1051 1052	130 50	2051 2052	65 25	Surcharge – late filing fee or oath	<b>-</b>	
X Credit any ov	erpayments	1052	130	1053	130	Surcharge – late Provisional filing Non-English specification		
Charge any additional fee(s) during the pendency of this app	nlication	1812	2520	1812	2520	For filing a request for ex parte		
Sharge any additional rootey during the periodiney of this app	paddon	1012	2320	1012	2320	Reexamination		
Charge fees(s) indicated below, except for the filing fee to above-identified deposit account.	the	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
above identified deposit decount.		1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action		
FEE CALCULATION		1251	110	2251	55	Extension for reply within first month		
TEE CALCULATION		1252	420	2252	210	Extension for reply within second month		
<del></del>		1253	950	2253	475	Extension for reply within third month		
1. BASIC FILING FEE		1254	1480	2254	740	Extension for reply within fourth month		
		1255	2010	2255	1005	Extension for reply within fifth month		
Large Entity Small Entity		1401	330	2401	165	Notice of Appeal	<b></b>	
Fee Fee Fee Fee		1402	330	2402	165	Filing a brief in support of an appeal	<b>├</b> ──	
	e Paid	1403	290	2403	145	Request for oral hearing Petition to institute a public use		
1001 770 2001 385 Utility filing fee 770		1451 1452	1510 110	1451 2452	1510 55	proceeding Petition to revive – unavoidable		
1001 770 2001 385 Utility filing fee 771	<u>-</u>	1452	1330	2452	665	Petition to revive – unavoidable  Petition to revive – unintentional		
1003 530 2003 265 Plant filing fee	<del></del>	1501	1330	2501	665	Utility issue fee (or reissue)	<del></del>	
1004 780 2004 385 Reissue filing fee	<del></del>	1502	480	2502	240	Design issue fee	<del></del>	
1005 160 2005 80 Provisional filing fee		1503	640	2503	320	Plant issue fee		
		1460	130	1460	130	Petitions to the Commissioner		
SUBTOTAL (1) ∫ (\$) 770.0	0	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
2. EXTRA CLAIM FEES		1806	180	1806	180	Submission of IDS		
Previously Extra Fee from Paid** Claims below	Fee Paid	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40	
Total Claims	=	1809	770	2809	385	Filing a submission after final		
	-	l				rejection (37 CFR § 1.129(a))		
Multiple Dependent 290	=	1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))		
Large Entity Small Entity		1801	770	2801	385	Request for Continued Examination		
Fee Fee Fee Fee Code (\$) Code (\$) Fee Descriptio	n	1802	900	1802	900	(RCE) Request for expedited examination		
1202 18 2202 9 Claims in excess of 20						of a design application		
1201 84 2201 42 Independent claims in excess of 3		Other fee (	specify)					
1203 280 2203 140 Multiple dependent claim, if not pair 1204 84 2204 42 * Reissue independent claims over		<del> </del>						
1204 04 2204 42 Nessue Bioependent Cashis Over	Original patent							
1205 18 2205 9 *Reissue claims in excess of 20 and patent	d over original							
SUBTOTAL (2) (\$)  **or number previously paid, if greater, For Reissues, see above.			SUBTOTAL (3) (\$) 40.00 * Reduced by Basic Filing Fee Paid					
SUBMITTED BY						Complete (if applicable)		
	-	Registrat	ion No	12.64	1	(847) 57		
Name (Print/Type) KENNETH A. HAAS	11	youd		42,61	1	Telephone (047) 57		
Signature	16/	<u> </u>			Da	ate March 30, 2004		